



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 9059

<b>SERIAL NUMBER</b> 09/741,804	<b>FILING OR 371(c) DATE</b> 12/22/2000 <b>RULE</b>	<b>CLASS</b> 360	<b>GROUP ART UNIT</b> 2652	<b>ATTORNEY DOCKET NO.</b> 501.39395X00
<b>APPLICANTS</b> Jun Hayakawa, Kokubunji, JAPAN; Hiroyuki Hoshiya, Odawara, JAPAN; Kenichi Meguro, Matsuda, JAPAN; Katsuro Watanabe, Odawara, JAPAN;				
<b>** CONTINUING DATA *****</b> None				
<b>** FOREIGN APPLICATIONS *****</b> JAPAN 11-366240 12/24/1999 Received				
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> ** 02/05/2001				
Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and Acknowledged <i>C. Kuma</i> <i>CAK</i> Examiner's Signature Initials		<b>STATE OR COUNTRY</b> JAPAN	<b>SHEETS DRAWING</b> 9	<b>TOTAL CLAIMS</b> 8 <b>INDEPENDENT CLAIMS</b> 2
<b>ADDRESS</b> 020457				
<b>TITLE</b> Magnetoresistive sensor with non-magnetic and conductive oxidized film between soft magnetic free layer and metal oxide film				
<b>FILING FEE RECEIVED</b> 710	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	